Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 04 Dec 2023 until 23:59 on Tuesday 05 Dec 2023

Forecast Issued on Monday 04 Dec 2023 at 03:00

Confidence: High for generally unsettled conditions with a transition to milder weather later in the week, low for the details.

Headline for Monday 04 Dec 2023: Cloudy with showers then more persistent rain and summit snow.

Mountain weather hazards on Monday 04 Dec 2023

Blizzards
No Likelihood

Heavy persistent snow
Low Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
High Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Heavy snow	Heavy snow	Sleet	Sleet	Heavy snow
Precipitation probability					
40%	60%	80%	80%	80%	80%

Forecast for Monday 04 Dec 2023

Weather: Cloudy with a few showers overnight, falling as snow above around 200 metres at first, the snow level slowly rising top 600 metres. Cloudy through the day with showers giving way to more persistent rain and summit sleet or snow, which will be heavy at times. Little change during the evening with further rain and summit sleet or snow

Chance of cloud-free hill tops above 600m: 10%

Low Cloud and visibility: Broken or extensive cloud with bases 400-600 metres, locally down to 300 metres on the eastern fells. Moderate or poor visibilities.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 04 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/29 NE	20/28 NE	17/23 NE	15/22 NE	16/23 NE	16/23 NE	15/21 NE
300	13/29 NE	14/30 NE	10/22 NE	11/23 NE	10/22 NE	10/22 NE	9/20 NE
Valley	17/36 NE	14/33 NE	12/28 NE	11/25 NE	10/23 NE	9/21 NE	9/21 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-6	2/-5	1/-5	0/-5	1/-4	1/-5	1/-5
300	2/-2	4/-1	3/-1	2/-2	3/-1	3/-1	3/-1
Valley	3/-2	4/-0	4/0	4/0	4/1	4/1	4/1
Freezing Level*	900m	900m	800m	700m	800m	800m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 04 Dec 2023	2.4mm	2.4mm	3.4mm

Forecast for Tuesday 05 Dec 2023

Weather: Outbreaks of rain and summit snow turning more showery overnight. Cloudy through the day with showers turning lighter and more isolated, then mainly dry and cloudy during the evening.

Maximum wind: North or NE 15 gust 25 mph, slowly easing

Chance of cloud-free hill tops above 600m: 20% improving 40% later..

Low Cloud and visibility: Broken cloud base 400-600 metres, with some patches down to 300 metres over the eastern fells at first, becoming more scattered during the evening. Visibilities good, but moderate or poor in early rain or showers.

Temperature: **Valleys:** Plus 2 rising to 4 Celsius
At 600m: Zero decreasing minus 3 Celsius later
Freezing level: 600 metres lowering to 400 metres later

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